

WASHINGTON STATE BUILDING CODE COUNCIL
APPLICATION FOR REVIEW OF A PROPOSED STATEWIDE AMENDMENT
TO THE WASHINGTON STATE BUILDING CODE

1. State Building Code to be Amended.

- | | |
|---|--|
| <input checked="" type="checkbox"/> International Building Code | <input type="checkbox"/> Ventilation and Indoor Air Quality Code |
| <input type="checkbox"/> International Residential Code | <input type="checkbox"/> International Mechanical Code |
| <input type="checkbox"/> ICC ANSI A117.1 Accessibility Code | <input type="checkbox"/> International Fuel Gas Code |
| <input type="checkbox"/> International Fire Code | <input type="checkbox"/> NFPA 54 National Fuel Gas Code |
| <input type="checkbox"/> Uniform Plumbing Code | <input type="checkbox"/> NFPA 58 Liquefied Petroleum Gas Code |
| <input type="checkbox"/> State Energy Code | |

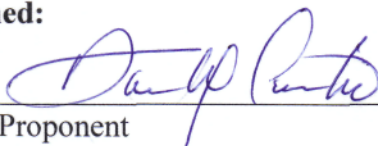
Section Table 2902.1

Page 550

2. Applicant:

Dave Cantrell, Public Health – Seattle & King County

3. Signed:

	<u>Chief Plumbing Inspector</u>	<u>02/25/2011</u>
Proponent	Title	Date

4. Contact Person:

<u>Dave Cantrell</u>	<u>Chief Plumbing Inspector</u>
Name	Title
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5. Proposed Code Amendment (Underline all added words, strike through deleted words) Additional pages may be attached.

Code 2009 International Building Code Section Table 2902.1 Page 550

Amend section to read as follows:

TABLE 2902.1 – MINIMUM PLUMBING FIXTURES 1,2,4,6

TYPE OF BUILDING OR OCCUPANCY ⁸	WATER CLOSETS (fixtures per person)	LAVATORIES ⁵ (fixtures per person)
	MALE ³ FEMALE	MALE FEMALE
For the occupancies listed below, use 30 square feet (2.79 m ²) per occupant for the minimum number of plumbing fixtures.		
Group A	1:1-25 1:1-25	one per 2 water closets
Assembly places -- Conference rooms,	2:26-75 2:26-75	
dining rooms, drinking establishments,	3:76-125 3:76-125	
exhibit rooms, gymnasiums, lounges,	4:126-200 4:126-200	
stages and similar uses including	5:201-300 5:201-300	
restaurants classified as Group B	6:301-400 6:301-400	
occupancies	Over 400, add one fixture for each additional 200 males or 150 females.	

For the assembly occupancies listed below, use the number of fixed seating or, where no fixed seating is provided, use 15 square feet (1.39 m²) per occupant for the minimum number of plumbing fixtures.

Assembly places ⁹ --	1:1-100 One per 25	1:1-200 1:1-200
Theaters, auditoriums, convention halls,	2:101-200 up to 400	2:201-400 2:201-400
dance floors, lodge rooms, casinos, and	3:201-400	3:401-750 3:401-750
such places which have limited time for	Over 400, add one fixture for each additional 250 males or 50 females.	Over 750, add one fixture for each additional 500 persons.
fixture use (intermissions)		one per 2 water closets
Assembly places --	1:1-100 One per 50	1:1-200 1:1-200
Stadiums, arena and other sporting	2:101-200 up to 400	2:201-400 2:201-400
facilities where fixture use is not limited to	3:201-400	3:401-750 3:401-750
intermissions.	Over 400, add one fixture for each additional 300 males or 100 females.	Over 750, add one fixture for each additional 500 persons.
		one per 2 water closets

For the assembly occupancies listed below, use the number of fixed seating or, where no fixed seating is provided, use 30 square feet (2.79 m²) per occupant for the minimum number of plumbing fixtures.

Worship places	one per 150 one per 75	one per 2 water closets
Principal assembly area		
Educational & activity unit	one per 125 one per 75	one per 2 water closets

(REMAINDER OF TABLE UNCHANGED)

6. Background information on amendment.

NOTE: State-wide and emergency state-wide amendments to the state building code should be based on one of the following criteria:

- (1) The amendment is needed to address a critical life/safety need.
- (2) The amendment is needed to address a specific state policy or statute.
- (3) The amendment is needed for consistency with state or federal regulations.
- (4) The amendment is needed to address a unique character of the state.
- (5) The amendment corrects errors and omissions.

This proposed amendment is based on criterion #5 above (corrects errors and omissions). The table currently results in a much lower number of lavatories for women in relation to the number of water closets. For instance, a theater with 1,800 occupants requires 5 water closets for men and 14 water closets for women, yet both only require 4 lavatories. Additionally, a stadium with 10,000 occupants requires 19 water closets for men and 49 water closets for men, yet both only require 12 lavatories. Maintaining the standard 1 lavatory per 2 water closets is an acceptable for the remaining Group A occupancies in the table and will provide an adequate and appropriate level of lavatories for sanitary purposes while still providing for an increased number of water closets for female occupants.

Economic Impact Worksheet
(Required for statewide amendment requests. Attach supporting documentation.)

Code References: TABLE 2902-1 Title: INTERNATIONAL BUILDING CODE
Proponent: DAVE CANTREU Phone: (206) 263-8447 Date: 02/25/2016

Part I ♦ Amendment Benefit:

PROBLEM(S) ADDRESSED: CORRECTS INADEQUATE APPLICATION OF WASH BASIN PER WATER CLOSETS

PRIMARY REASON FOR AMENDMENT: (check one only)

- | | |
|---|---|
| <input checked="" type="checkbox"/> Protect public health, safety and welfare | <input type="checkbox"/> Mandate from legislation or courts |
| <input type="checkbox"/> Reduce cost | <input type="checkbox"/> Code change |
| <input type="checkbox"/> "Manage risk" for government | <input type="checkbox"/> Other _____ |

TYPE OF BENEFITS PROJECTED: (check all that apply)

- | | |
|--|--|
| <input type="checkbox"/> Saves lives/reduces injuries | <input type="checkbox"/> Saves energy |
| <input checked="" type="checkbox"/> Protects/improves long-term health | <input type="checkbox"/> Protects environment |
| Reduces construction cost: | <input type="checkbox"/> Increases accessibility |
| <input type="checkbox"/> Over existing code requirement | <input type="checkbox"/> Reduces regulation |
| <input type="checkbox"/> Canceling new code requirement | <input type="checkbox"/> Reduces government enforcement cost |
| <input type="checkbox"/> Off-setting new code requirement | <input checked="" type="checkbox"/> Clarifies/improves existing code |
| <input type="checkbox"/> Increases construction alternatives | <input type="checkbox"/> Protects property loss/damage |
| | <input type="checkbox"/> Other _____ |

Part II ♦ Amendment Impacts:

TYPES OF CONSTRUCTION: ☒ New Construction ☒ Remodeling/Tenant Improvement/Repair

COMPLETE TABLE FOR EACH BUILDING TYPE CHECKED (See reverse for instruction on items ^a through ^e)

√	Building Type	Construction ^a 1st Cost		Enforcement ^b		Owner ^c Ongoing		Other		Supporting data attached
	Residential	C/S ^d	Degree ^e	C/S ^d	Degree ^e	C/S ^d	Degree ^e	C/S ^d	Degree ^e	✓
	Single family									
	Multi-family									
✓	Commercial/Retail	0		0		0		0		
	Industrial									
	Government/Utilities									
	Other: _____									

OTHER EFFECTS:

Evaluate by number scale 0-3 (0=none, 3=significant)

- 0 Likelihood for litigation
0 Decrease public cooperation
0 Disadvantage small business
____ Other _____

Evaluate by letter code

(Spec, Custom, Factory, Remodel, Manufact., Other, NA)

- NA Advantage one industry
NA Disadvantage one industry

Part III ♦ Comments and Recommendations:

Evaluate each by number scale 0-3 (0=none, 3=significant)

- | | |
|--------------------------------|---|
| <u>0</u> Difficulty to Enforce | <u>0</u> Cost of not adopting amendment |
| <u>1</u> Costs exceed Benefits | <u>0</u> Degree of TAG controversy |
| <u>0</u> C/S Confidence level | |

Evaluate Yes or No (circle one)

- Y / (N) Were alternative solutions considered
Y / (N) Recommend further benefit/impact analysis
Y / (N) Recommend future benefit/impact review